

Data Sheet

We make sure

FUJITSU COMPUTERS
SIEMENS

AMILO Notebook Li 3910 Your entry into mobile computing

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Version 3

Pages 5

Enter the world of mobile home computing, surf the Internet, write e-mails or watch DVDs – the AMILO Notebook L Series offers you reliable devices for your everyday tasks and more.

Key Features

Processor technology

- Intel® mobile processor technology with Intel® Celeron® Dual-Core, Intel® Pentium® Dual-Core or Intel® Celeron® processors for great performance – wherever you are



Operating System

- Windows Vista® Home Basic or Home Premium

Entertainment and Multimedia

- Enjoy your favorite Hollywood blockbuster on the big 17" (16:10) or 18.4" (16:9) LCD WXGA+ or HD+ display with BrilliantView technology for vivid colors, amazing sharpness and impressive contrast
- The integrated AMILOcam with low-light technology for great video-quality even in low-light conditions and the built-in microphone are perfect for Internet telephony (VoIP) and video chats



Mobile technology

- Integrated Wireless LAN to go online when and wherever you are



More convenience thanks to

- The spill-proof keyboard that protects your notebook against accidentally spilt liquids
- The silent mode function that causes a noticeable reduction in fan noise
- The built-in DVD drive to store and secure data comfortably on the move
- The extra number block

Fujitsu Siemens Computers recommends Windows Vista® Home Premium

Operating system¹ and Recovery

Operating system

Genuine Windows Vista® Home Premium (32-bit version),
 Genuine Windows Vista® Home Basic (32-bit version) or
 no preinstalled operating system²

Fujitsu Siemens Computers Recovery Program

Backup and restore the original status of the hard disk and create system
 restore disks

or individual recovery media on CD or DVD are included

Product Design / Color

Cover

Glossy black

Body

Black

System Architecture

Platform

Intel® mobile processor technology

Chipset

Intel® GL40, ICH9-M

Processor¹

Intel® Celeron® 575

2.0 GHz, 667 MHz, 1 MB L2 cache

Intel® Celeron® Dual-Core T1600

1.66 GHz, 667 MHz, 1 MB L2 cache

Intel® Pentium® Dual-Core T3200

2.0 GHz, 667 MHz, 1 MB L2 cache

Memory

Memory speed

2 SO-DIMM memory slots (no memory on board)

Memory type

667 MHz

Memory modules

DDR 2 RAM

Max. memory size^{1, 3}

1024 or 2048 MB

4096 MB

Drives**Hard disk drive**

HDD type

SATA

HDD size

2.5-inch

HDD speed

5400 rpm

HDD cache

8 MB

HDD capacity¹

160, 250 or 320 GB

Optical disc drive (built-in)

ODD type

SATA

ODD technology

SuperMulti-format DVD burner with double layer (DL) support

ODD read speed

CD-ROM 24x, DVD-ROM 8x

ODD write speed

CD-R 24x, CD-RW 16x, DVD+R 8x, DVD-R 8x, DVD+RW 8x,

DVD-RW 6x, DVD+R DL (8.5 GB) 4x, DVD-R DL (8.5 GB) 4x,

DVD-RAM 5x

Display

Display type

BrilliantView LCD

Aspect ratio

16:10

Resolution type

WXGA+

Display size

17-inch

Display resolution (intern)

1440 x 900 pixels

Display resolution (extern)

1920 x 1200 pixels (WUXGA) for 16:10 display;

2048x 1536 pixels (QXGA) for 4:3 display

Reaction time (typ.)

16 ms

Brightness (typ.)

200 NIT

Contrast (typ.)

350 : 1

Compliance with standards

ISO 13406-2 class II

Option¹

Display type

BrilliantView LCD

Aspect ratio

16:9

Resolution type

HD+

Display size

18.4-inch

Display resolution (intern)

1680 x 945 pixels

Display resolution (extern)

1920 x 1200 pixels (WUXGA) for 16:10 display;

2048x 1536 pixels (QXGA) for 4:3 display

Reaction time (typ.)

8 ms

Brightness (typ.)

200 NIT

Contrast (typ.)

600 : 1

Compliance with standards⁴

ISO 13406-2 class II

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Graphics

Graphic card full name	-
Dedicated video memory	-
Onboard graphics chip	Mobile Intel® Graphics Media Accelerator 4500M
Shared video memory ⁵	Up to 1759 MB shared memory
3D Benchmark 2006	Up to 600 points (depending on configuration)
Features	<ul style="list-style-type: none"> ■ DirectX® 10 support

Interfaces

Video	1x VGA
Audio	1x line in, 1x microphone in, 1x headphone out and line out combined with S/PDIF out
Network	1x LAN (RJ-45)
Data	3x USB 2.0, 1x ExpressCard slot (54 / 34 mm) 1x 13-in-1 card reader (with dedicated adapter) ⁶ MS, SD, miniSD, MicroSD, MMC, RS-MMC, MMC-Micro, Mobile MMC MSPRO, MS-Duo, MS-PRO Duo, MS-Pro HG Duo, M2
Power supply	1x DC-in

Communication

Integrated Bluetooth®	-
LAN (Local Area Network)	10 / 100 Mbps
Built-in WLAN (Wireless Local Area Network)	Yes
WLAN type	IEEE 802.11b/g
WLAN max. connect rate	Up to 54 Mbps
WLAN encryption	WEP, WPA and WPA2
For use in	BE, CH, DK, DE, EE, FI, FR, EL, IE, IS, IT, LI, LV, LT, LU, MT, NL, NO, PL, AT, PT, SE, SK, ES, CZ, HU, UK, CY

Multimedia

Audio	Support of HD audio for S/PDIF output with up to 7.1 channels
Audio chip	Realtek ALC662-GR
Speakers	2x built-in speakers (1 W each)
Microphone	1x built-in microphone
Subwoofer	-
Input device	Sound volume control via function keys

AMILOcam

Image sensor	VGA webcam
Frames per second	30 ⁷
Features	<ul style="list-style-type: none"> ■ Automatic brightness adjustment with status LED (blue: on, red: streaming / application on) ■ Low-light technology for great video-quality even in dark surrounding

Input devices / Control buttons

Power button	Located left of the keyboard, back-lighted
Keyboard	Spill-proof keyboard with 85 keys, 21 key number block
Touchpad	Hidden touchpad, with left and right mouse button, scroll function and touchpad disable function via function key combination (Fn+F6)

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Hot keys	The following hot keys or key combinations are available <ul style="list-style-type: none"> ■ Fn+F1 WLAN on / off ■ Fn+F3 Mute on / off ■ Fn+F4 Volume down ■ Fn+F5 Volume up ■ Fn+F6 Touchpad on / off ■ Fn+F7 AMILOcam on / off ■ Fn+F8 Brightness down ■ Fn+F9 Brightness up ■ Fn+F10 Display switch ■ Fn+F11 Silent mode ■ Fn+F12 Suspend
	Number block 4 individually configurable quick-start application buttons (A1, A2, A3, A4)
Status indicators	The notebook has 3 status LEDs: <ul style="list-style-type: none"> ■ Power status (& suspend) Blue (always on): on; Blue blinking: stand by; None: off ■ Battery charge Blue (always on): full; Blue blinking: charging; Red blinking: < 10 % capacity ■ WLAN Blue: on; None: off
Security	
Supervisor and user password	Yes
Kensington lock	Yes
Lid switch (hidden)	Yes
ACPI functions	ACPI 3.0 compliant for Vista requirement <ul style="list-style-type: none"> ■ Power on stand by (S1 LCD off) ■ Stand by / energy saving mode (S3 save to RAM) ■ Hibernate mode (S4 save to disk) ■ Off mode (S5 soft off)
Power System	
Battery⁸	
Battery type ¹	Lithium-Ion battery 6 cells, 10.8 V / 2200 mAh (cell) / 4400 mAh (pack)
Battery runtime (idle mode) ⁹	Up to 3:10 hours
Battery runtime (DVD playback) ¹⁰	Up to 1:50 hours (depending on usage)
Battery charging time (idle mode)	Up to 1:40 hours
Battery charging time (maximum active mode) ¹¹	Up to 1:50 hours (depending on usage)
Battery charging time (normal use) ¹²	Up to 2:20 hours (depending on usage)
Battery charging time (off mode)	Up to 1:40 hours
Energy consumption	
S0 (idle mode)	22.4 W
S0 (max. active mode) ¹³	56.4 W (depending on usage)
S3 (stand by / energy saving mode)	0.36 W
S4 (hibernate)	0.2 W
S5 (off mode)	0.08 W
Noise emission	
Idle mode ¹⁴	28 dBA (silent mode off)
Maximum active mode ¹⁵	35 dBA (silent mode off, no ODD activity)
AC Adapter	
Wide Range AC adapter	Dynamic charge supported, ACPI 3.0 supported
Output	110 - 240 V AC, 50 - 60 Hz 65 W with 20 V DC, 3.25 A
Operating conditions	
Operational	5 °C to 35 °C (ambient temperature) 10 % to 90 % relative humidity, non-condensing

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Dimensions and weight

W x D x H	438 x 285 x 21 (front) / 38 (back) mm
Weight	3.3 kg ¹⁶ (incl. battery pack)

Certifications

GOST (WLAN)
 CE Marking
 R&TTE (WLAN, Bluetooth®)

Warranty

Country specific terms

Application Software

Home office

Microsoft® Works
 Microsoft® Office Home and Student Trial
 Adobe Reader
 Windows Mail (within Vista operating system)
 Windows Calendar (within Vista operating system)

Multimedia

Nero Essentials S (CD / DVD write software)
 Vista DVD Playback Pack (DVD playback software)
 Windows Media Player (within Vista operating system)

Optional¹

Windows Media Center (within Windows Vista® Home Premium operating system)

Internet

Microsoft® Internet Explorer
 Country specific Internet provider

Security

Norman security software solution

Supplied Accessories

Included

AC adapter 65 W
 First Battery 6 cells

Optional

Find out more: www.fujitsu-siemens.com/accessories

Manuals

Manual (on hard disk), quick start guide, safety guide, warranty guide, recovery guide

Drivers

Updates downloadable at <http://www.fujitsu-siemens.com>

¹ Depending on exact configuration. Please check at your local retailer

² DISCLAIMER: If system is shipped without operating system, there is no additional application software preinstalled

³ DISCLAIMER: Up to 1 GB may not be available with 32-bit operating systems due to system resource requirements if system is preinstalled with 4096 MB RAM

⁴ Valid for all display types

⁵ Shared video memory size may vary depending on configuration and the version of the operating system. The video memory size that is displayed in the system information software, as well as the actually used video memory size depends on Microsoft® Windows Vista® memory management. The following values might serve as orientation

- 1024 MB system memory enables up to 253 MB total video memory (dedicated plus shared memory)

- 2048 MB system memory enables up to 765 MB total video memory (dedicated plus shared memory)

- 3072 MB system memory enables up to 1277 MB total video memory (dedicated plus shared memory)

- 4096 MB system memory enables up to 1759 MB total video memory (dedicated plus shared memory)

⁶ An adapter is needed for the following card formats: RS-MMC, MMC-Micro, Mobile MMC, miniSD, MicroSD, MS-Duo, MS-PRO Duo, MS-Pro HG Duo, M2

⁷ AMILOcam frame rate can vary significantly depending on the used software application

⁸ DISCLAIMER: Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Recharge time varies depending on usage. The recharge capacity may decrease after some months so that the battery lifetime as well as operating time can not be assured for the whole lifetime of the notebook

⁹ Tested with Battery Mark 4.0.1 ("power saver mode")

¹⁰ DVD playback tested with Vista DVD playback

¹¹ DVD playback tested with Vista DVD playback (0% to 90%)

¹² Tested with 3DMark 2003

¹³ Tested with 3DMark 2003

¹⁴ Tested according to ISO 7779 and ISO 9296

¹⁵ Tested according to ISO 7779 and ISO 9296

¹⁶ Weight may vary depending on actual configuration

The configuration described in this document is generic only and non-binding. For the exact configuration of your AMILO, please contact your licensed dealer.